US-PAT-NO: 6167274

DOCUMENT-IDENTIFIER: US 6167274 A

TITLE: Method for locating a mobile station

---------- KWIC ---------

Detailed Description Text - DETX (9):
     A database for use in the **location** operation can be
generated with this idea
in mind. FIG. 4 illustrates a sample **cell** area where there
are six roads or
routes shown (41 to 46) that are normally traversed by mobile
stations. Each
"X" marks a geographic **location** on one of the roads at which
measurements can
be made with respect to the signals coming from neighboring
cells. A network
operator could collect this data during a normal course of
drive testing along
these roads within a **cell**. This would mean placing a call on
a phone connected
to a personal computer (PC) which gathers mobile assisted
hand-off or mobile
assisted channel allocation information. The computer would
also have a global
position system (GPS) card to collect latitude and longitude
information to
geographically fix the information. The collection equipment
could be
automated and placed in taxi cabs, delivery vehicles, buses,
or other vehicles
which commonly traverse the **cell**.

Detailed Description Text - DETX (15):
     The searching operatio

US-PAT-NO: 6507569

DOCUMENT-IDENTIFIER: US 6507569 B1
See image for Certificate of Correction

TITLE: Dynamic control of cellular radio
communication system
                            resources

---------- KWIC ---------

Brief Summary Text - BSTX (11):
   There may be included also the operations of producing a
location
probability distribution function for specific users of the
system so that
calls initially **routed to those cells** where experience has
shown that the
specific users are most likely to be. Also, the **handover**
sequences for those
cells can be recorded in the user profile data base so that
they can be
initiated at the same time that a request for service is
received by the base
transceiver station of the **cell** concerned